SERVER SYSTEM
100

USER INTERFACE
104

STORAGE SYSTEM 103

CONTROL SOFTWARE
105

USER DATA SOFTWARE
106

SCREEN CONTROL SOFTWARE
107

PROCESSING SYSTEM
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NETWORK INTERFACE
101

108

122

COMMUNICATION NETWORK
120

USER SYSTEM
110

PROCESSING SYSTEM
112

NETWORK INTERFACE
111

116

USER INTERFACE
114

STORAGE SYSTEM 113

CONTROL SOFTWARE
115

121

FIG. 1

250

SCREEN # - SCREEN TITLE

SCREEN SELECTIONS

USER DATA INSTRUCTIONS -
XXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXX

| SCREEN 1 SIZE |
| SCREEN 2 COLOR |
| SCREEN 3 CONTROL FEATURES |
| SCREEN 4 ACCESORIES |
| SCREEN 5 PAYMENT PLANS |

AAAA ▼

BBBB ▼

[X] CCCC

[ ] DDDD ◄ INCONSISTENT WITH FFFF ON SCREEN #N

[X] EEEE

| BACK | NEXT | CANCEL | RESET | HELP |

USER DATA:
SIZE - XXL
COLOR - GREEN

FIG. 2

FIG. 3

POWER SUPPLY

472

471

SECONDARY PROCESSING UNIT

470

425

473

474

461

476

DRIVE CIRCUITRY

462

463

PICK-OFF SIGNAL CONDITIONING CIRCUITRY

460

450

411

411'

411"

412

420

404

403A

403B

405

405'

406
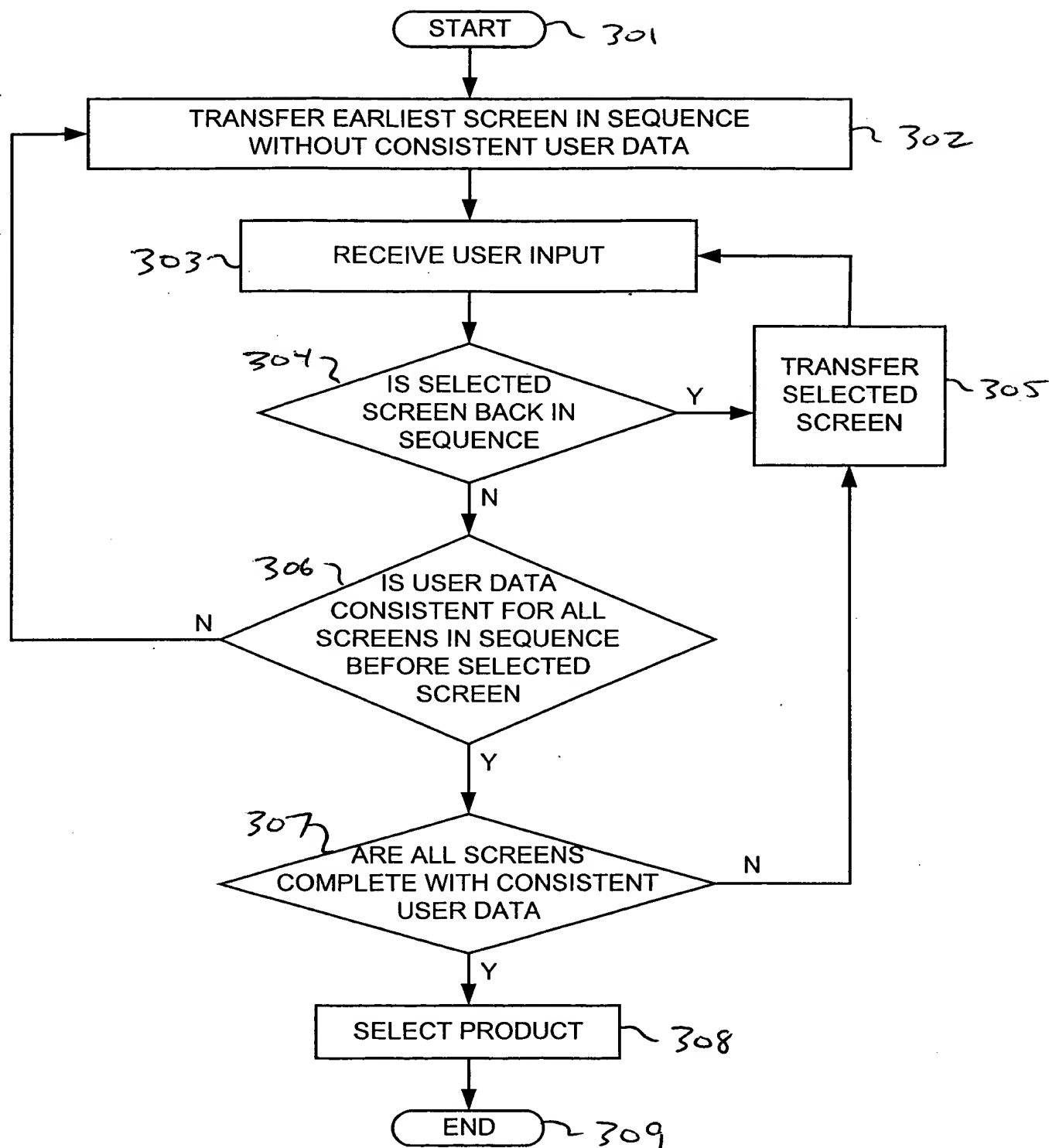
406'

407
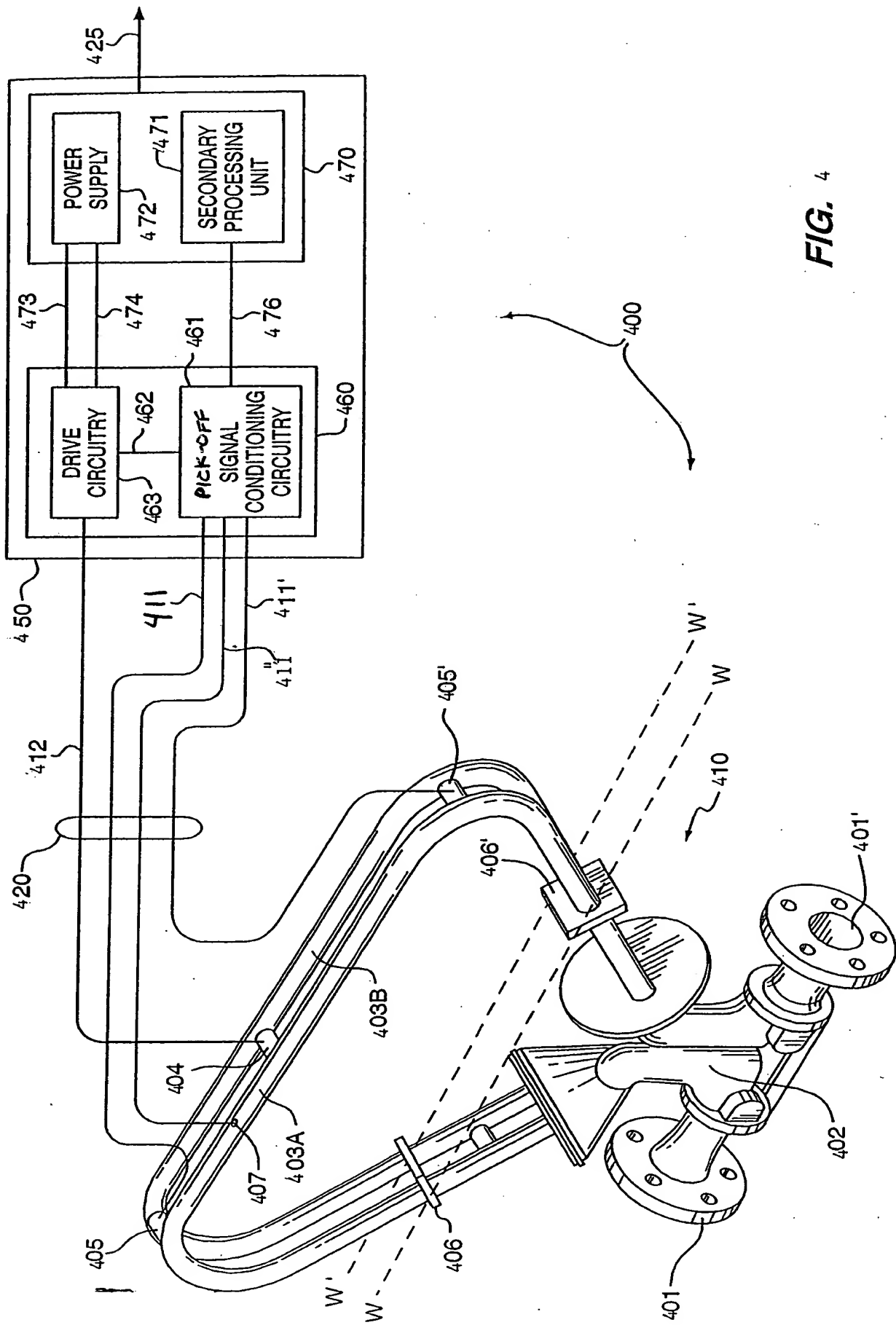
400

410

401

401'

402

W

W'
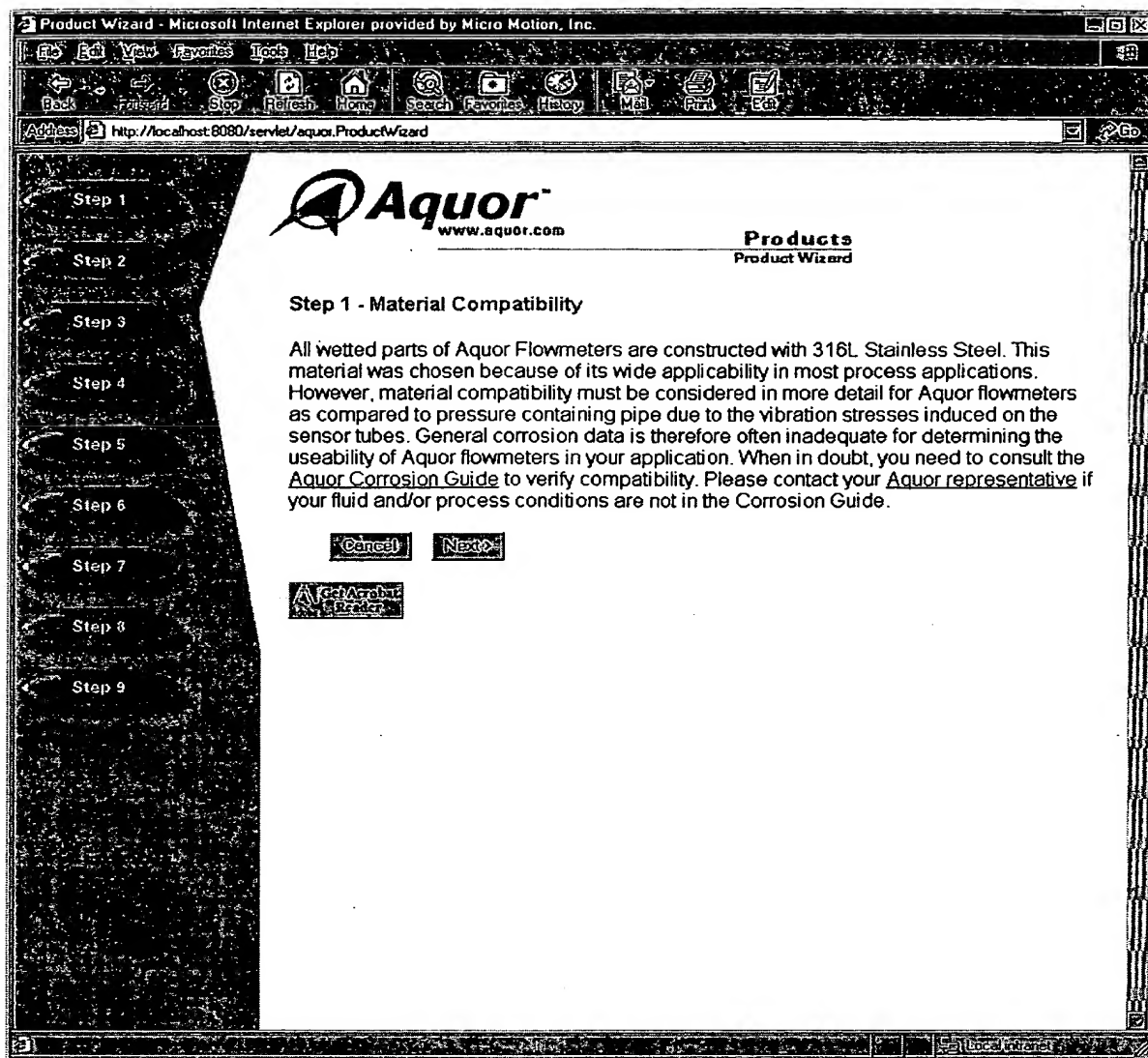
W

W'

FIG. 4

Product Wizard - Microsoft Internet Explorer provided by Micro Motion, Inc.

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Mail   Print   Edit

Address http://localhost:8080/servlet/aquor.ProductWizard   Go

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

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Products
Product Wizard

Step 1 - Material Compatibility

All wetted parts of Aquor Flowmeters are constructed with 316L Stainless Steel. This material was chosen because of its wide applicability in most process applications. However, material compatibility must be considered in more detail for Aquor flowmeters as compared to pressure containing pipe due to the vibration stresses induced on the sensor tubes. General corrosion data is therefore often inadequate for determining the useability of Aquor flowmeters in your application. When in doubt, you need to consult the Aquor Corrosion Guide to verify compatibility. Please contact your Aquor representative if your fluid and/or process conditions are not in the Corrosion Guide.

[Cancel]   [Next >]

[Get Acrobat Reader]

Local intranet

FIG. 5

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 9

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Products
Product Wizard

Step 2 - Process Parameters

To properly select the correct flowmeter for your application, you must enter the correct parameters for your application.

Fluid type: ○ Gas ⊙ Liquid
Fluid name: water
Units: ⊙ English ○ Metric

[<Back] [Cancel] [Reset] [Next>]

FIG. 6

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Products
Product Wizard

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

Step 3 - Process Parameters

To properly select the correct flowmeter for your application, you must enter the correct parameters for your application.

Maximum Rate:	100	lbs/min
Density:	.8	g/cc
Viscosity:	5	cP
Pressure:	150	psi
Temperature:	50	deg F

[<Back]   [Cancel]   [Reset]   [Next>]

User-Entered Data
Fluid type: Liquid
Fluid name: water
Units: ENGLISH

Done   Local intranet

FIG. 7

Product Wizard - Microsoft Internet Explorer provided by Micro Motion, Inc.

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Mail   Print   Edit

Address http://localhost:8080/servlet/aquor.ProductWizard

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

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Products
Product Wizard

Step 4 - Sensor Selection

Description	Mass Accuracy (% of Rate)	Volume Accuracy (% of Rate)	Velocity (ft/sec)	Pressure Drop (psi)
AFC Series 1/4"				
⊙ AFC Series 1/2"	+/- 0.5	+/- 0.5	25.70	13.43
○ AFC Series 1"	+/- 0.5	+/- 0.5	7.31	1.11
○ AFC Series 2"	+/- 0.80	+/- 1.12	2.73	0.11

[< Back]   [Cancel]   [Reset]   [Next >]

User-Entered Data
Fluid type: Liquid
Fluid name: water
Units: ENGLISH
Maximum Rate: 100 lbs/min
Density: .8 g/cc
Viscosity: 5 cP
Pressure: 150 psi
Temperature: 50 deg F

Done   Local intranet

FIG. 8

Product Wizard - Microsoft Internet Explorer provided by Micro Motion, Inc.

File Edit View Favorites Tools Help

Back | Forward | Stop | Refresh | Home | Search | Favorites | History | Mail | Print | Edit

Address http://localhost:8080/servlet/aquor.ProductWizard | Go

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

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Products
Product Wizard

PROCESS CONNECTION

Step 5 - ~~Sensor~~ Selection

Description	Pressure Rating
○ 1/2" ANSI 150#	275 psi at 50 deg F, per ANSI B16.5
⊙ 1/2" ANSI 300#	720 psi at 50 deg F, per ANSI B16.5
○ 1/2" ANSI 600#	1,440 psi at 50 deg F, per ANSI B16.5
○ 3/4" NPTF	No additional information available.
○ 3/4" Sanitary Fitting	No additional information available.

[< Back] [Cancel] [Reset] [Next >]

User-Entered Data
Fluid type: Liquid
Fluid name: water
Units: ENGLISH
Maximum Rate: 100 lbs/min
Density: .8 g/cc
Viscosity: 5 cP
Pressure: 150 psi
Temperature: 50 deg F

Selected Sensor
Sensor model: AFC Series 1/2"

Done | Local intranet

FIG. 9

Product Wizard - Microsoft Internet Explorer provided by Micro Motion, Inc.

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Mail   Print   Edit

Address http://localhost:8080/servlet/aquor.ProductWizard

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 9

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Products
Product Wizard

Step 6 - Transmitter Selection

Power: 80-250 VAC
Display: No Local Display

[Back]   [Cancel]   [Reset]   [Next]

User-Entered Data
Fluid type: Liquid
Fluid name: water
Units: ENGLISH
Maximum Rate: 100 lbs/min
Density: .8 g/cc
Viscosity: 5 cP
Pressure: 150 psi
Temperature: 50 deg F

Selected Sensor
Sensor model: AFC Series 1/2"
Process   1/2" ANSI 300#
connections:

Done   Local Intranet

FIG. 10

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

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Product Wizard

Step 7 - Other Product Specifications

Drawing:	NONE
Testing:	NONE
Approval:	UL APPROVAL
	UL - Class I, Div. 2, Groups A, B, C and D
	UL - Class II, Div. 2, Groups F and G
Language:	ENGLISH

[<Back] [Cancel] [Reset] [Next>]

User-Entered Data

Fluid type:	Liquid
Fluid name:	water
Units:	ENGLISH
Maximum Rate:	100 lbs/min
Density:	.8 g/cc
Viscosity:	5 cP
Pressure:	150 psi
Temperature:	50 deg F

Selected Sensor

Sensor model:	AFC Series 1/2"
Process connections:	1/2" ANSI 300#

Selected Transmitter

Power:	80-250 VAC
Display:	Local Display

Done   Local Internet

FIG. 11

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Products
Product Wizard

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Step 7
Step 8
Step 9

Step 8 - Customer Configuration Data

Please enter your Tag information
Tag: [laura]   ?

Please enter your required transmitter configuration data. You can leave the default values as displayed below, or edit them to fit your application needs. The transmitter will be pre-configured in our factory before it ships to you.

Milliamp Output
Flowrate at 4mA   [0]   [lbs/min]
Flowrate at 20mA   [100.0]   [lbs/min]

Frequency Output
The max flowrate of   [100.0]   [lbs/min]   ?
corresponds to   [1000]   Hz   ?

[<Back]   [Cancel]   [Reset]   [Next>]

User-Entered Data
Fluid type: Liquid
Fluid name: water
Units: ENGLISH
Maximum Rate: 100 lbs/min
Density: .8 g/cc
Viscosity: 5 cP
Pressure: 150 psi
Temperature: 50 deg F

Selected Sensor
Sensor model: AEC Series 1/2"

Done   Local intranet

FIG. 12

Product Wizard - Microsoft Internet Explorer provided by Micro Motion, Inc.

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Mail   Print   Edit

Address   http://localhost:8080/servlet/aquor.ProductWizard

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 9

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Products
Product Wizard

Step 9 - Final Product Selection Verification

Below is a listing of the Process parameters, selected sensor, selected transmitter, and customer configuration data. Please check that this data is correct before you add the unit to the shopping cart.

[<Back]   [Cancel]   [Add to shopping cart >]

User-Entered Data
Fluid type:	Liquid
Fluid name:	water
Units:	ENGLISH
Maximum Rate:	100 lbs/min
Density:	.8 g/cc
Viscosity:	5 cP
Pressure:	150 psi
Temperature:	50 deg F

Selected Sensor
Sensor model:	AFC Series 1/2"
Process connections:	1/2" ANSI 300#

Selected Transmitter
Transmitter type:	Integral transmitter
Power:	80-250 VAC
Display:	Local Display
Conduit:	3/4" NPT Conduit connection

Other Product Specifications
Drawing:	NONE
Testing:	NONE
Approval:	UL APPROVAL
	UL - Class I, Div. 2, Groups A, B, C and D
	UL - Class II, Div. 2, Groups F and G
Language:	ENGLISH

Customer Configuration Data
Tag:	laura

FIG. 13